

DOWNHOLE FIBER OPTIC WET CONNECT AND GRAVEL PACK COMPLETION

Inventors: Bruce Techentien, Tommy Grigsby, Bryon Mullen and David Henderson

Attorney Docket No.: 009328 U1 USA Attorney: KONNEKER & SMITH, P.C. Phone: (972) 516-0030

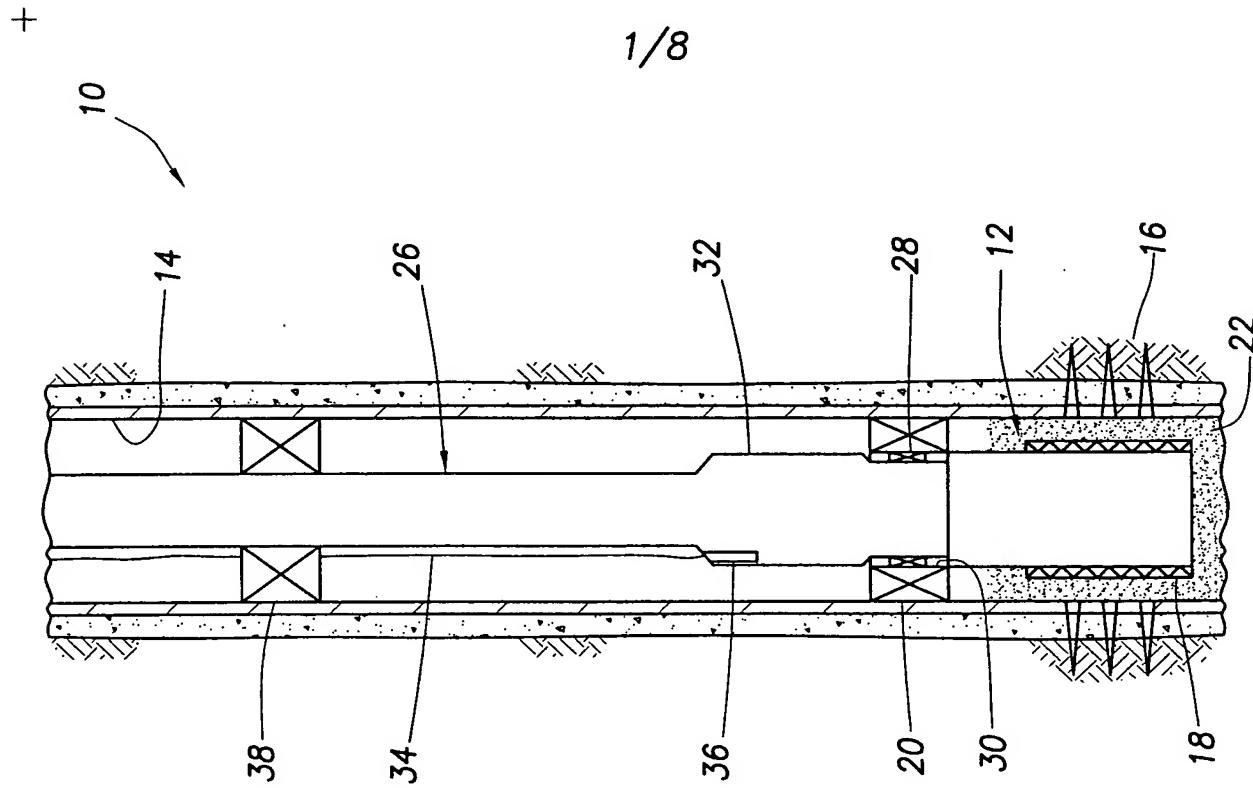


FIG.2

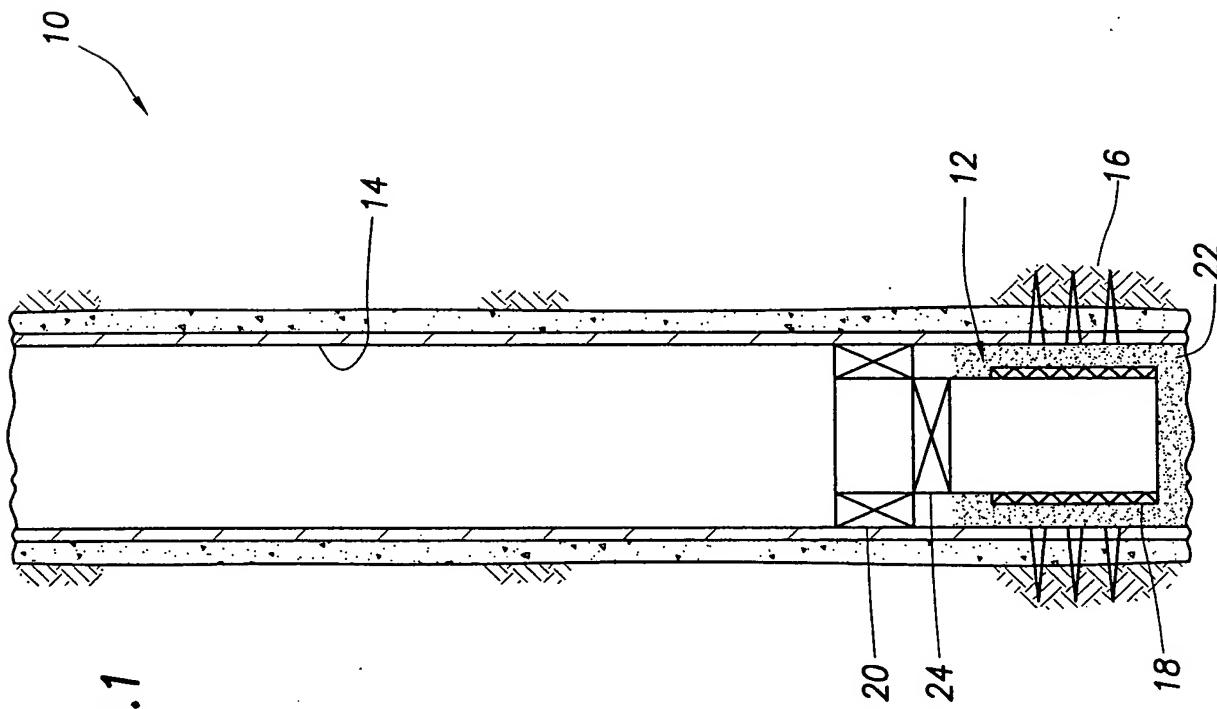


FIG.1

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2/8

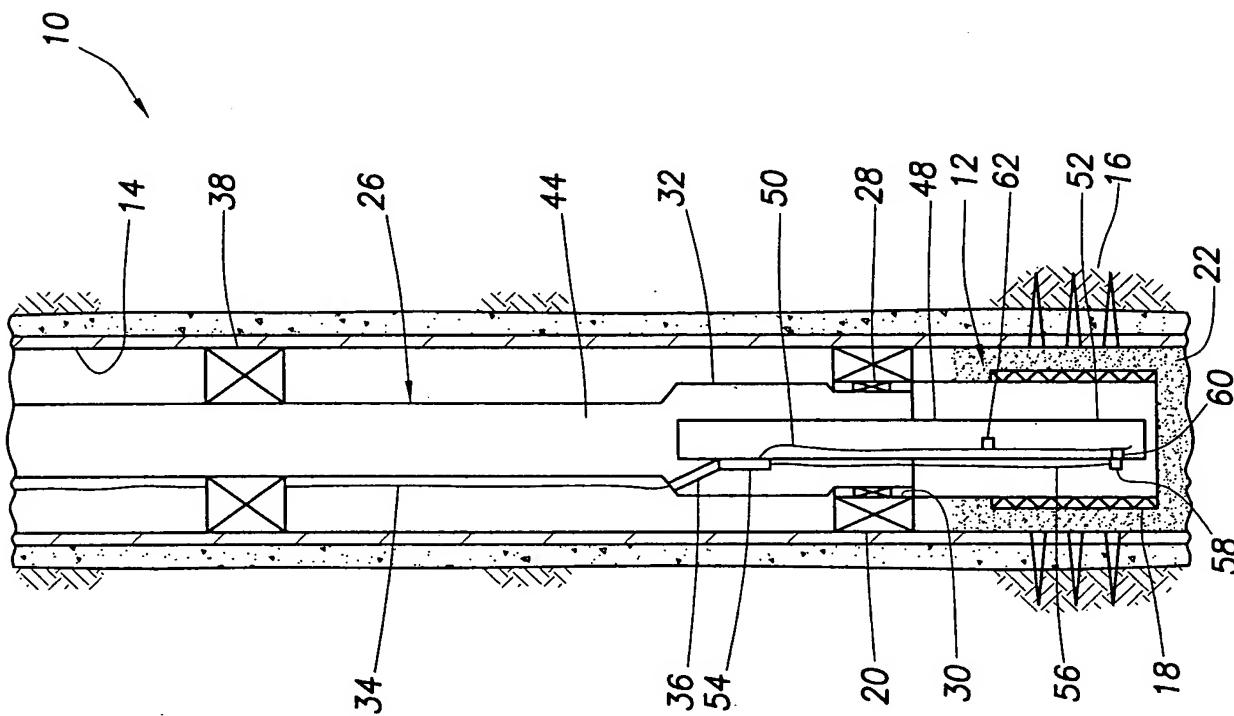


FIG. 4

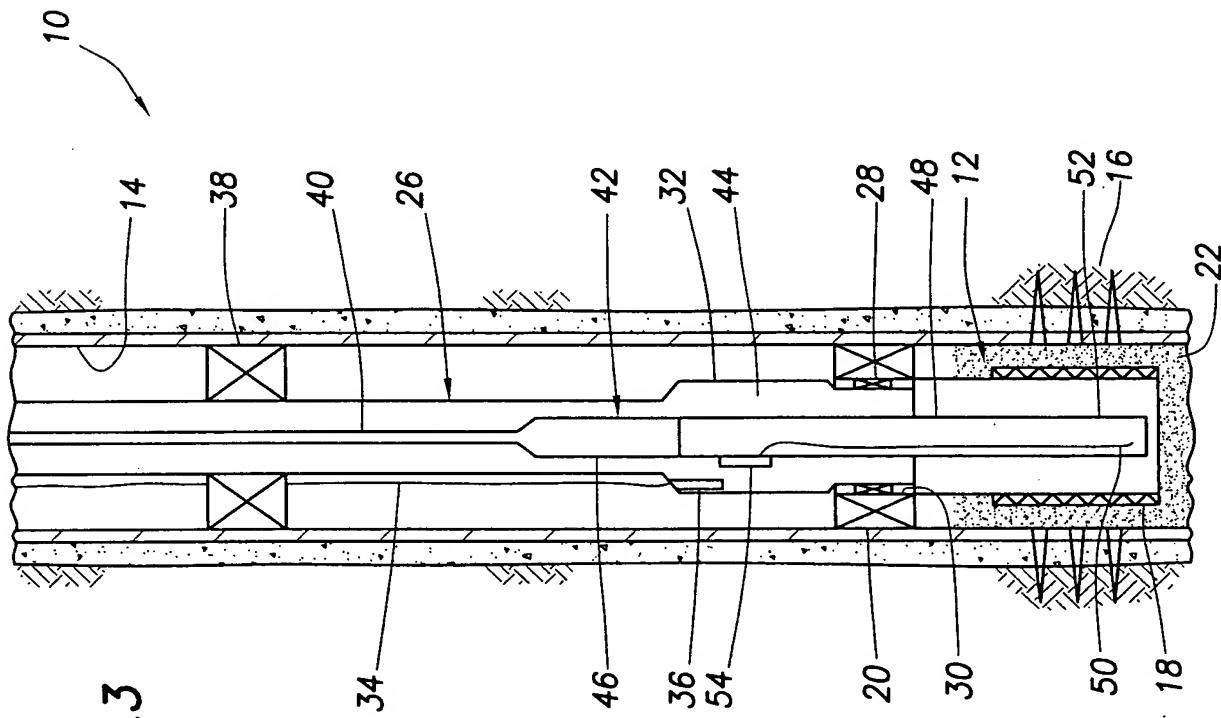


FIG. 3

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3/8

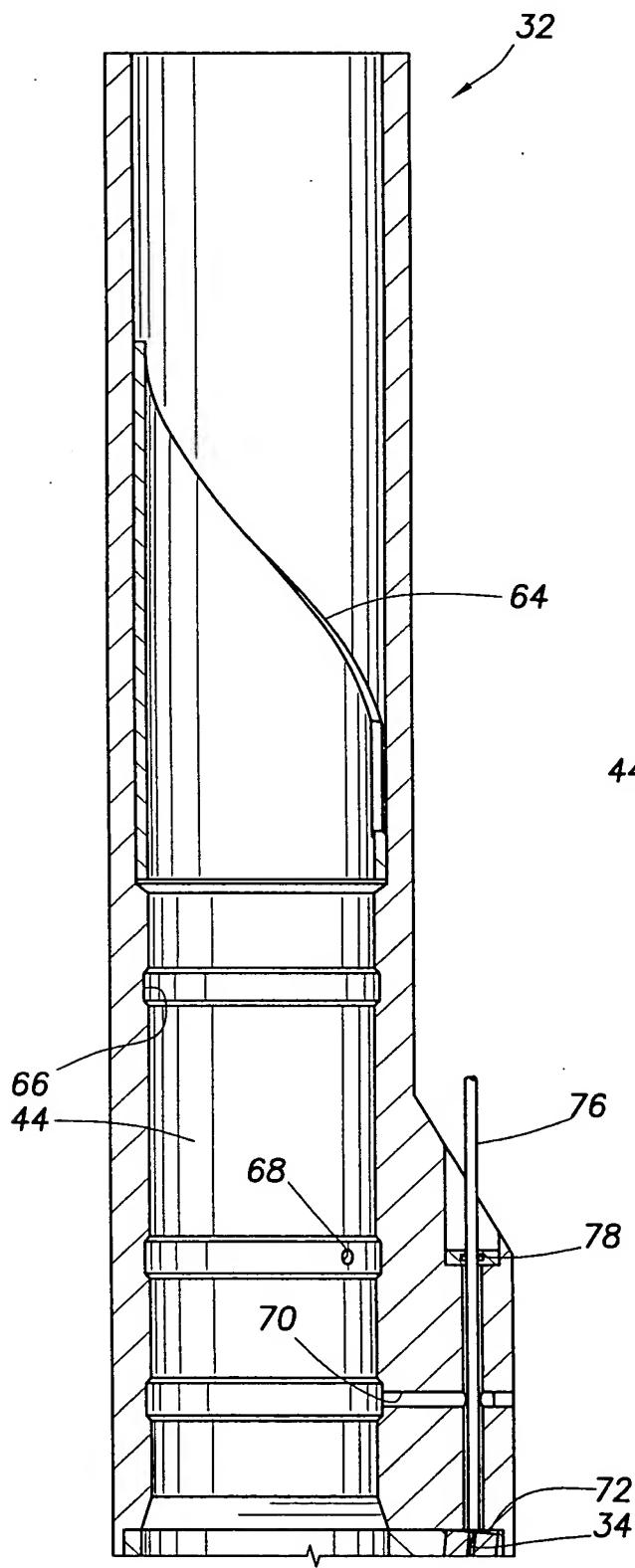


FIG. 5A

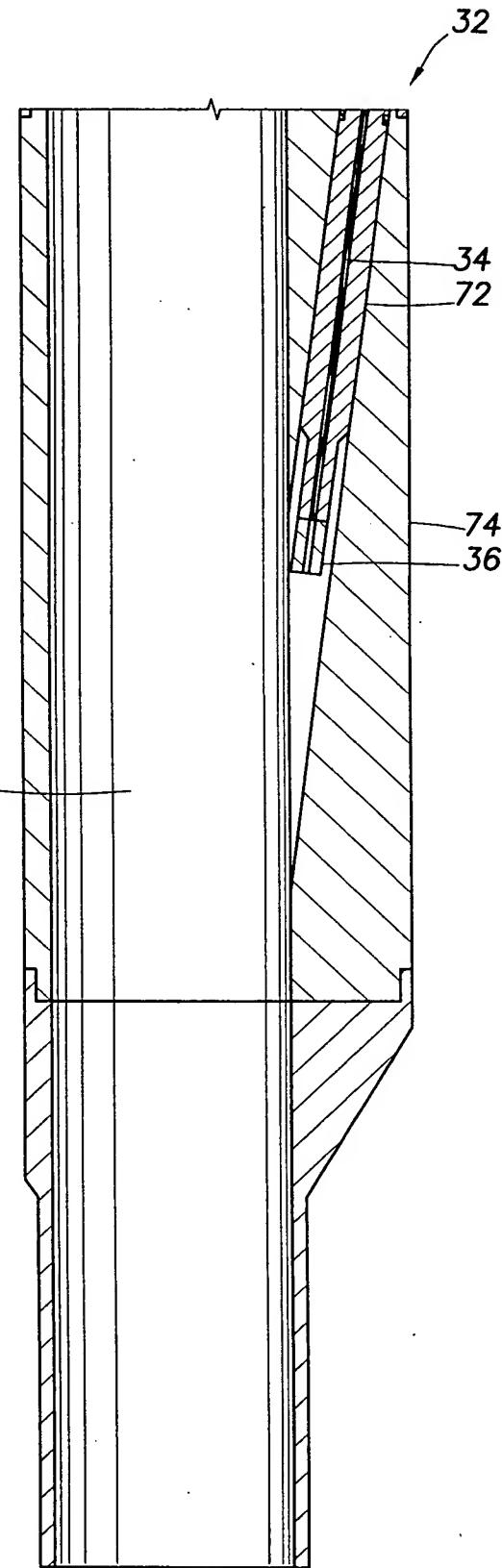


FIG. 5B

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4/8

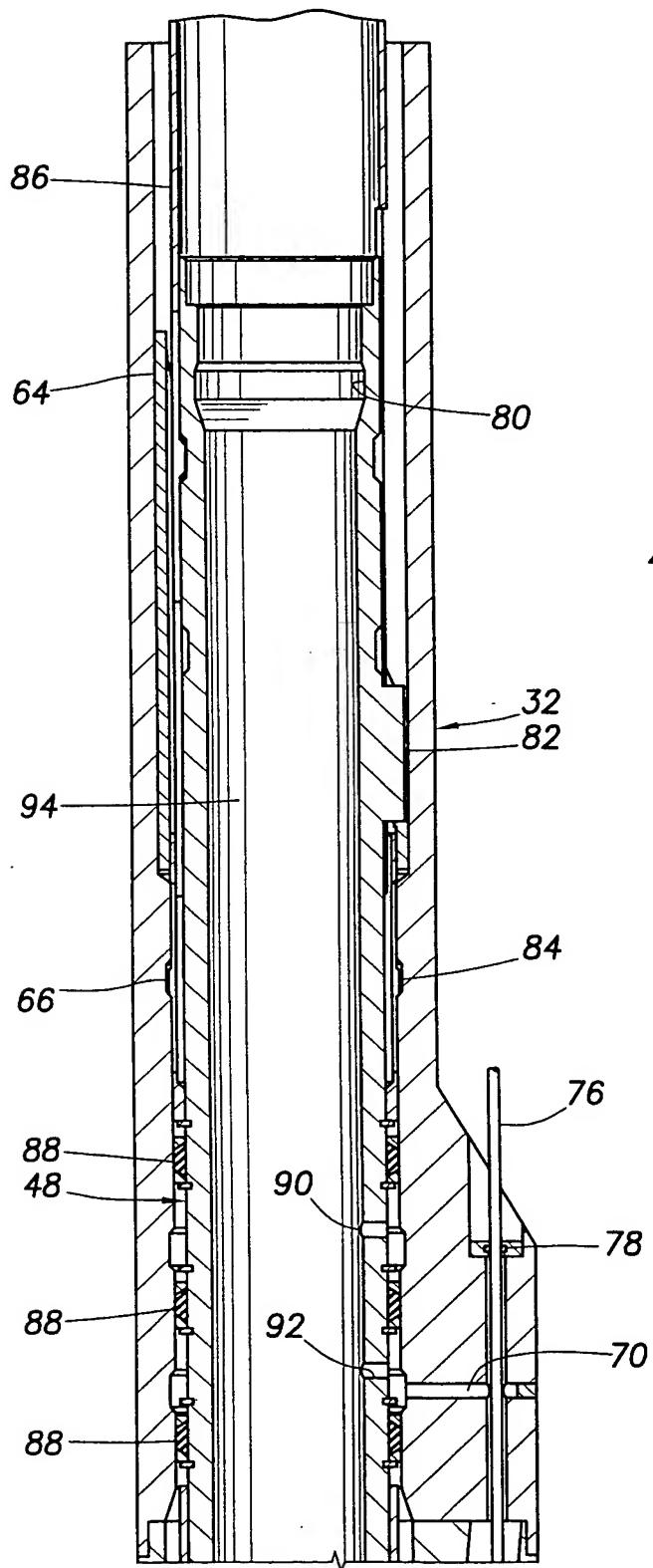


FIG. 6A

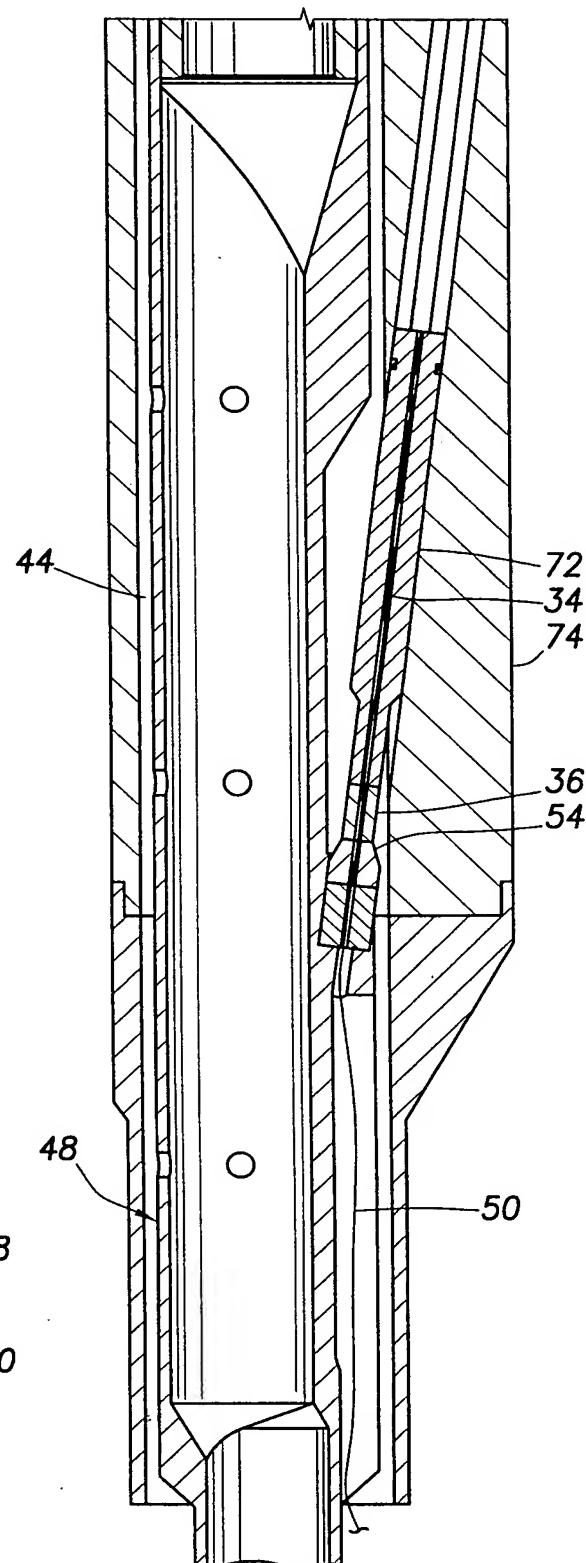


FIG. 6B

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DOWNHOLE FIBER OPTIC WET CONNECT AND GRAVEL PACK COMPLETION

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5/8

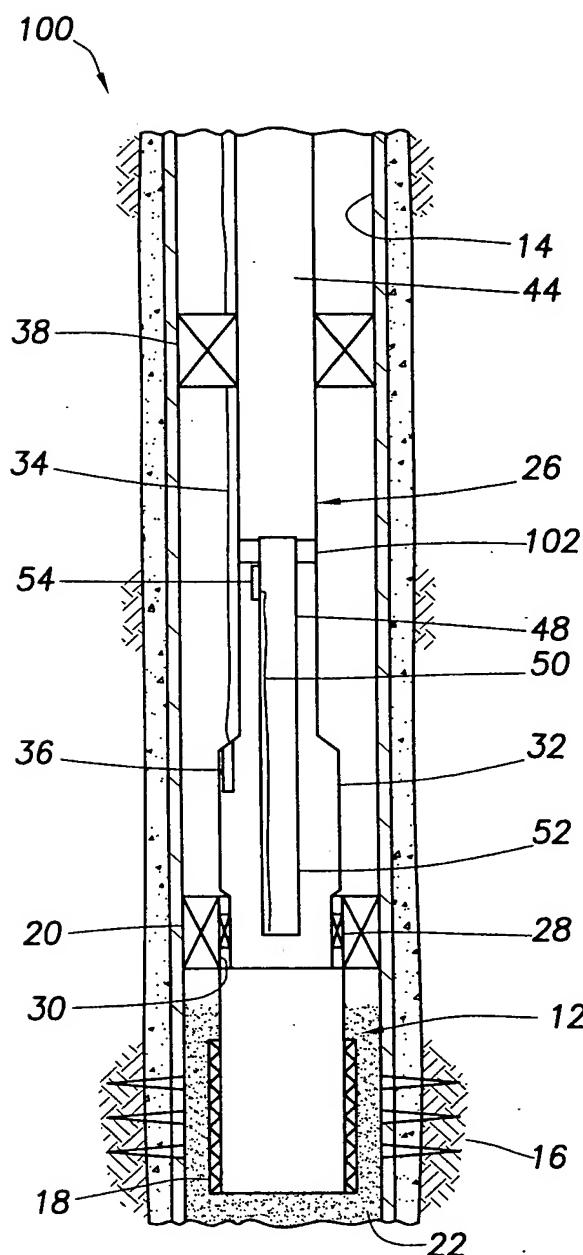


FIG. 7

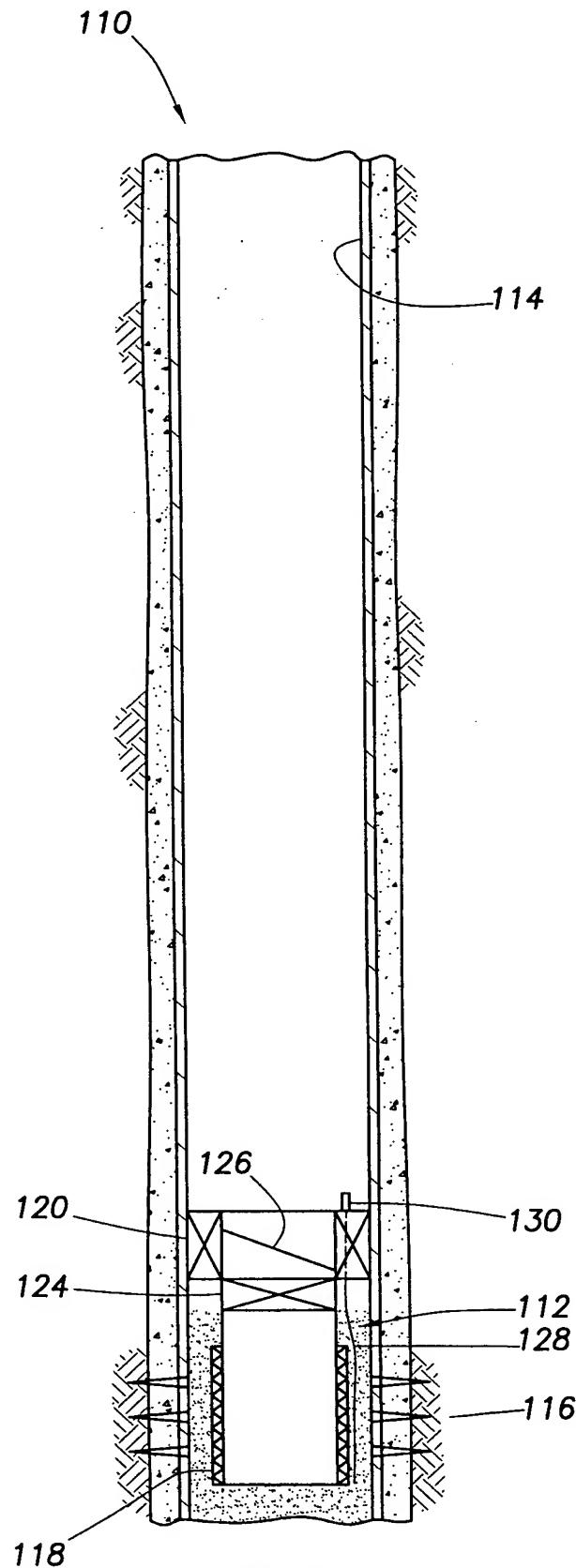


FIG.8

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6/8

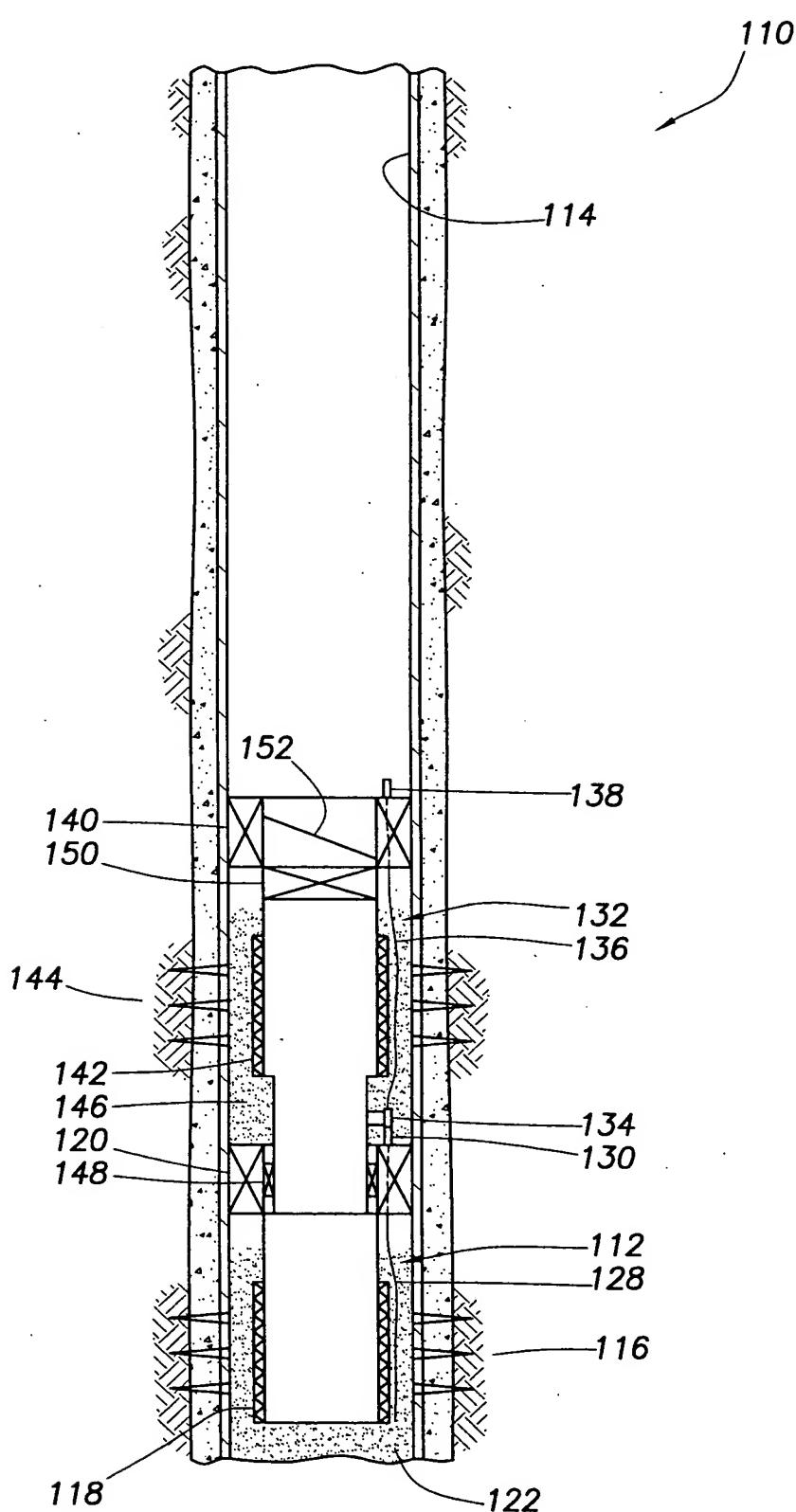


FIG.9

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DOWNTIME FIBER OPTIC WET CONNECT AND GRAVEL PACK COMPLETION

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7/8

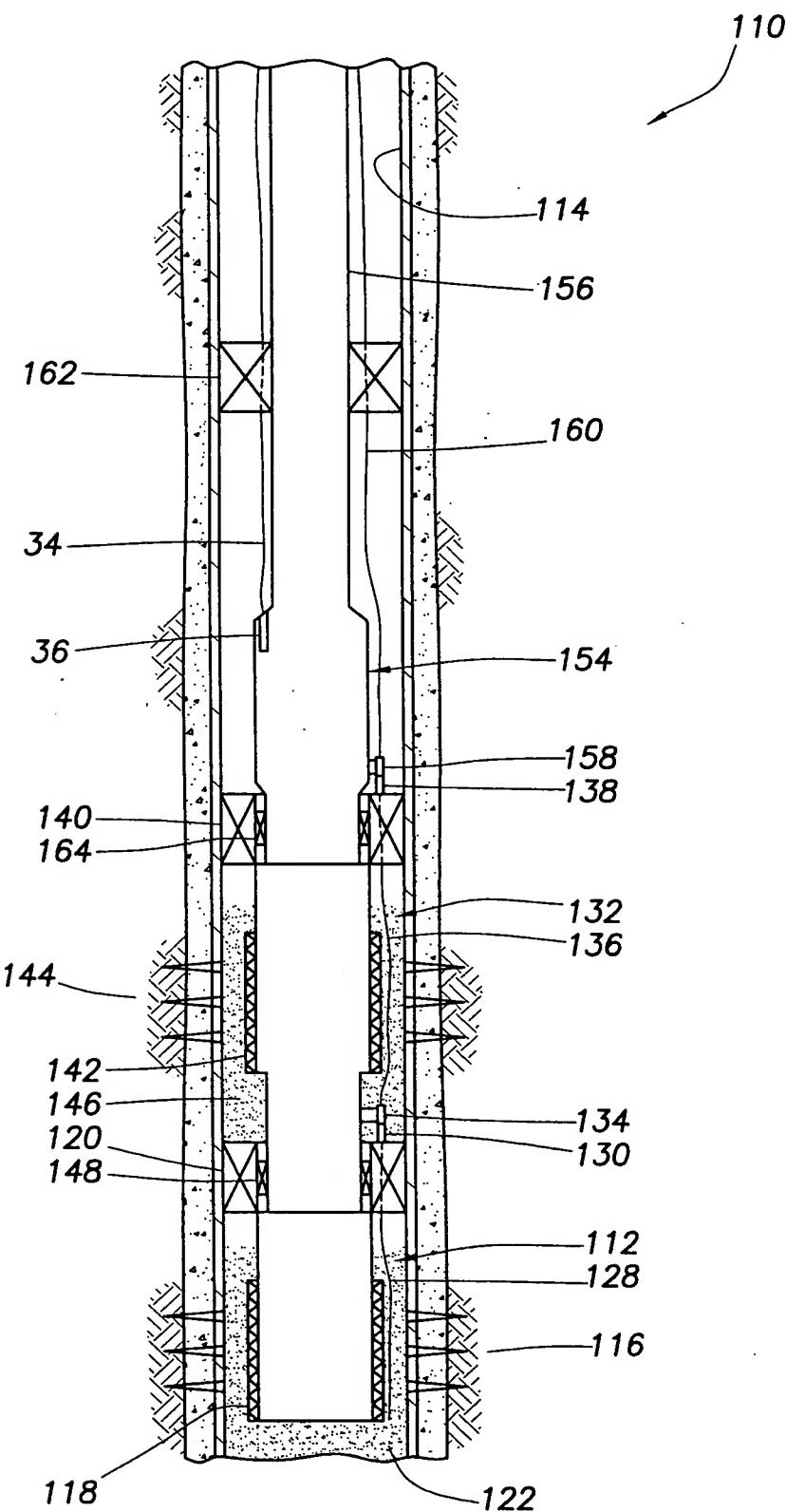


FIG. 10

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DOWNTIME FIBER OPTIC WET CONNECT AND GRAVEL PACK COMPLETION

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8/8

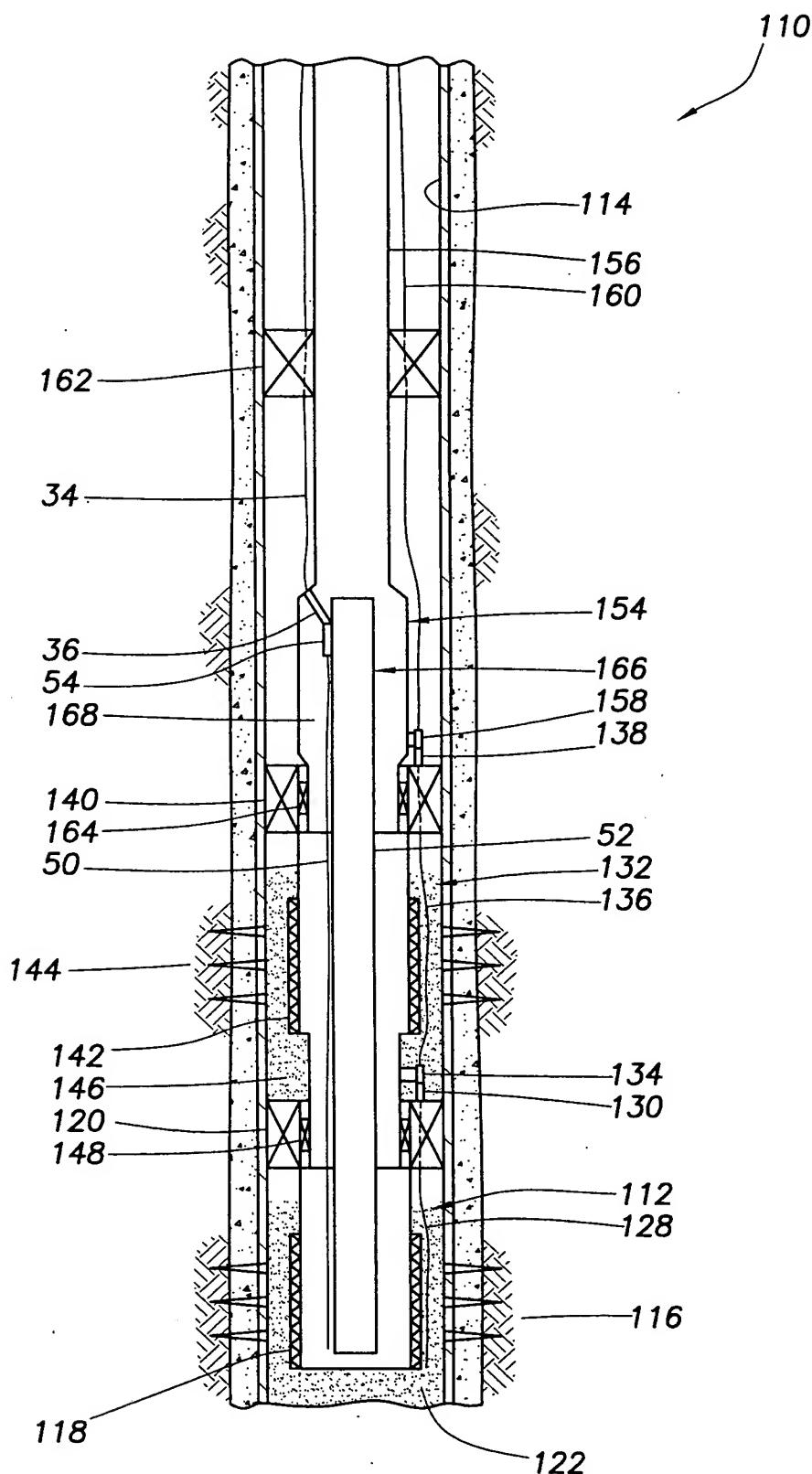


FIG. 11

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